

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re the Application of:

Edward J. Seppi, et al.

Serial No.: 10/687,522

Filed: October 15, 2003

For: SYSTEMS AND METHODS FOR  
FUNCTIONAL IMAGING USING  
CONTRAST-ENHANCED MULTIPLE-  
ENERGY COMPUTED TOMOGRAPHY

Group Art Unit: 3737

Examiner: Kish, James M.

Confirmation No.: 5245

**RESPONSE TO NOTICE OF NON-COMPLIANT AMENDMENT**

**Mail Stop AMENDMENT**

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Dear Sir:

In response to the Notice of Non-Compliant Amendment mailed on April 5, 2007,  
Applicant hereby submits the corrected section of the non-compliant amendment in compliance  
with 37 C.F.R. § 1.121.

**Amendments to the Claims** begin on page 2.

**Remarks** begin on page 10.